Air Conditioner

Refrigerator

Washing Machine

Tools

Running / Starting Capacitor

ASPT

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ARUKI®
COMPONENTS
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MANUFACTURER, IMPORTER, EXPORTER, WHOLESALER
Spare Parts for Domestic Refrigerator, Washing Machine, Air-Con, Car Air-Con & Home Appliance

ARUKI®

COMPONENTS

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R22 LG AIRCON ROTARY COMPRESSOR

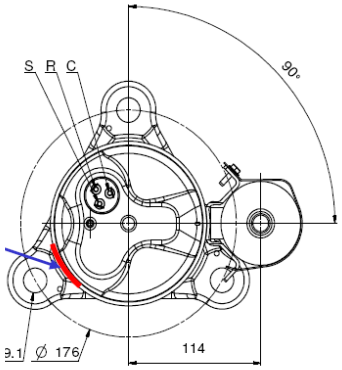
(1 PHASE / 220-240V; 50Hz)

LG
Original

Code	Model	CAPACITY (BTU)	Cooling Capacity (W)	Motor Input(W)	Current (A)	Running Capacitor (uF)	PC / Pallet
A010209	QKS156HDA	9030	2644	820	3.8	30/370V	60
A010212	QJ208HCA	12100	3546	1110	5.3	30/400V	60
A010218	QJ306PCB	18300	5364	1830	8.7	50/400V	40
A010224	QP407PBA	24700	7239	2287	11.62	45/400V	32

COMPRESSOR TESTING CONDITION

Evaporating Temp. 7.2°C Condensing Temp. 54.4°C Suction Temp. 35°C
Ambient Temp. 35°C Liquid Temp. 46.1°C



R22 PANASONIC AIRCON ROTARY COMPRESSOR

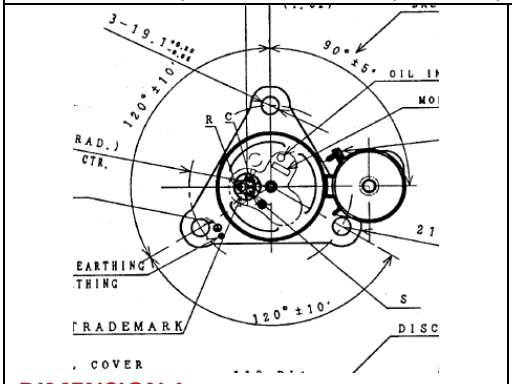
(1 PHASE / 220-240V; 50Hz)

Panasonic ideas for life
Original

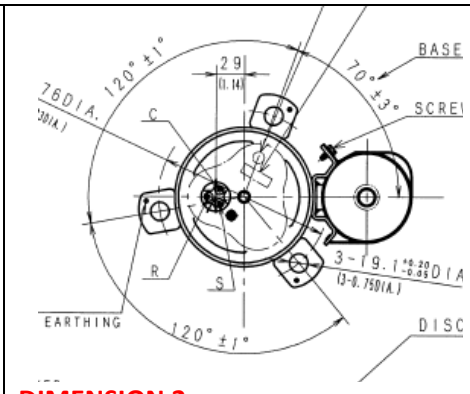
Code	Model	CAPACITY (BTU)	DISP (cm3)	Cooling Capacity (W)	Motor Input (W)	Current (A)	Running Capacitor (uF)	DIM	PC / Pallet
A010109	2P17S225ANQ	9,000	16.4	2770	885	4.1	30/370V	1	60
A010112	2P21T225AZB	11080	21.05	3510	1130	5.25	30/370V	1	50
A010119	2V32S225AUA	18450	31.6	5375	1700	8	60/370V	2	40
A010124	2V42S225AUA	24,000	41.6	7200	2340	11	60/370V	2	40

COMPRESSOR TESTING CONDITION

Evaporating Temp. 7.2°C Condensing Temp. 54.4°C Suction Temp. 35°C
Ambient Temp. 35°C Liquid Temp. 46.1°C



DIMENSION 1



DIMENSION 2

NEW R22 ROTARY / SCROLL COMPRESSORS

Product Picture	Descriptions	HP / BTU	Packaging (PCS/Pallet)
PANASONIC ROTARY COMPRESSOR R22 / 220-240V / 50Hz			
	2R11B225ASE	5955	60
	2P14S225ANE	7575	60
	2P17S225ANQ	9451	60
	2P20C225BNG	11072	50
	2K22S225BUA	13080	50
	2K25S225BUA	14484	50
	2K28C225DUA	15900	40
	2K32S225AUD	18118	40
	2V32S225AUA	18450	40
	2V34S225AUA	19000	40
	2V36S225BUA	20943	40
	2V40S225BUA	23135	40
	2V42S225AUA	24566	40
	2V47W225AUA	28625	40
	2V49W225AUA	29599	40
Copeland Scroll Compressors R22 380V 3PH			
	ZR47K3-TFD-522	4	16
	ZR57KC-TFD-522	5	16
	ZR61KC-TFD-522	5.08	16
	ZR72KC-TFD-522	6	16
	ZR81KC-TFD-522	7	16
	ZR94KC-TFD-522	8	12
	ZR125KC-TFD-522	10	12
	ZR144KC-TFD-522	12	12
Daikin Scroll Compressors R22 380V 50Hz 3ph			
	JT95GABY1L	3	24
	JT125GABY1L	4	24
	JT160GABY1L	5	24
	JT170GABY1L	5.5	24
	JT212D-Y1L	7	9
	JT236D-Y1L	7.5	9
	JT265D-Y1L	8.5	9
	JT300D-Y1L	10	9
	JT315D-Y1L	11	9
	JT335D-Y1L	12	9

SCROLL / PISTON R22 COMPRESSOR

*** RE-NEWED ***

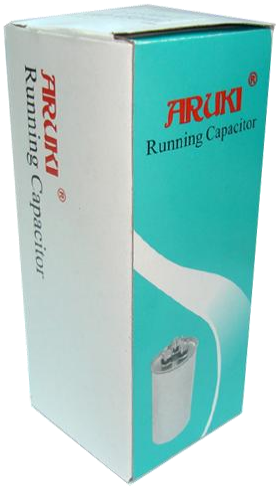
Product Picture	Descriptions	Voltage	Packaging (PCS/Pallet)
Copeland - Piston Type			
	CRFD-0250TFD **2.5HP**	220	30
	CRFD-02750TFD **<3HP**	220	30
	CRFD-02750TFD **<3HP**	380	30
	CRFD-0300TFD **3HP**	220	30
	CRFD-0300TFD **3HP**	380	30
	CRFD-0400TFD **4HP**	380	30
	CRFD-0450TFD **4.5HP**	380	30
	CRFD-0500TFD **5HP**	380	30
Copeland - Scroll Type			
	ZR22KC **2HP**	220	16
	ZR28KC **2.5HP**	220	16
	ZR34K1 **3HP**	220	16
	ZR34K3 **3HP**	380	16
	ZR36K1 **>3HP**	220	16
	ZR36K3 **>3HP**	380	16
	ZR47K3 **4HP**	380	16
	ZR57K3 **5HP**	380	16
	ZR61K3 **>5HP**	380	16
	ZR72K3 **6HP**	380	16
	ZR81K3 **7HP**	380	16
	ZR94K3 **8HP**	380	16
	ZR125K3 **10HP**	380	12
	ZR144K3 **12HP**	380	12
Copeland - Piston type			
	QR90K1 **7.5HP**	380	4
	QR12M1 **10HP**	380	4
	QR15M1 **12HP**	380	4
Maneurop - Piston Type			
	MT28 **7378BTU**	220	8
	MT36 **9272BTU**	380	8
	MT40 **10475BTU**	380	8
	MT50 **12324BTU**	380	8
	MT64 **15820BTU**	380	8
	MT80 **19534BTU**	380	8
	MT100 **23403BTU**	380	4
	MT125 **30429BTU**	380	4
	MT160 **38273BTU**	380	4
Bristol - Piston type			
	H2NG104FRDF **8HP**	380	8
	H2NG124FRDF **10HP**	380	8
	H25G144DBEE **10HP**	380	8
	H2NG184FRDF **15HP**	380	4
	H2NG204FRDF **17HP**	380	4
	H2NG244FRDF **20HP**	380	4
	H2NG294FRDF **25HP**	380	4
	H24B25QDBEA **2HP**	380	20
	H24B28QDBEA **2.5HP**	380	20
	H24B31QDBEA **3HP**	380	20
	H24A62QDBEA **5HP**	380	20

SCROLL / PISTON R22 COMPRESSOR

*** RE-NEWED ***

Product Picture	Descriptions		Voltage	Packaging (PCS/Pallet)
Tecumseh - Piston Type				
	AW5524E	2HP	220V	20
	AW5528EXGb	2.5HP	220V	20
	AW5532EXG	3HP	220V	20
	AW5532EXG	3HP	380V	20
	AW5535EXG	3HP	380V	20
	AV5538EXG	4HP	380V	20
	AV5558EXG	5HP	380V	20
	AV5561EXG	5HP	380V	20
Daikin - Scroll type				
	JT90/220V	3HP	220V	16
	JT90/380V	3HP	380V	16
	JT95/220V	3HP	220V	16
	JT125/380V	4HP	380V	16
	JT95/380V	3HP	380V	16
	JT160/380V	5HP	380V	16
Matsushita - Rotary Unit				
	2P14C	7455BTU	220V	40
	2P17C	9264BTU	220V	40
	2K22C	13000BTU	220V	40
	2K32C	17742BTU	220V	40
	2V36S	20950BTU	220V	30
	2V42S	24566BTU	220V	30
	2V47W	28507BTU	220V	30
Hitachi - Rotary type				
	G533	9036BTU	220V	40
	SH833	12514BTU (1TON)	220V	40
	SHY33	17612BTU	220V	40
	SHW33	20425BTU	220V	30
	SHX33	20869BTU	220V	30
	SHV33	24211BTU (2TON)	220V	30
	SHU33	27689BTU	220V	30
Toshiba - Rotary Type				
	PH165X1C	9582BTU	220V	40
	PH195X2C	11355BTU	220V	40
	PH225X2C	13196BTU	220V	40
	PH260X2C	15686BTU	220V	40
	PH290X2C	17425BTU	220V	40
	PH295X2C	17663BTU	220V	40
	PH310X2C	18448BTU	220V	30
	PH330X2C	19505BTU	220V	30
	PH360X3C	21210BTU	220V	30
	PH420X3C	25234BTU	220V	30
	PH440X3C	26086BTU	220V	30
Matsushita - Rotary Unit				
	2PS164D	9349BTU	220V	40
	2KS210D5	11000BTU	220V	40
	2KS324D5	18000BTU	220V	40
	2KS224D	13085BTU	220V	40
	2KS314D	17742BTU	220V	40
	2JS350D	20950BTU	220V	30
	2JS438D	26545BTU	220V	30

AIR-CON ROUND CAPACITOR



A109 [370 - 400V] – *2 PINS*

Code No	uF	Code No	uF	Code No	uF
A109001	2	A109011	11	A109040	40
A109002	2.5	A109012	12.5	A109045	45
A109003	3	A109013	13	A109050	50
A109004	4	A109014	14	A109055	55
A109005	5	A109015	15	A109060	60
A109006	6	A109017	17.5	A109065	65
A109007	7.5	A109020	20	A109070	70
A109008	8	A109025	25	A109075	75
A109009	9	A109030	30	A109080	80
A109010	10	A109035	35		

A107 [440 - 450V] – *2 PINS*

Code No	uF	Code No	uF	Code No	uF
A107001	2	A107011	11	A107040	40
A107002	2.5	A107012	12.5	A107045	45
A107003	3	A107013	13	A107050	50
A107004	4	A107014	14	A107055	55
A107005	5	A107015	15	A107060	60
A107006	6	A107017	17.5	A107065	65
A107007	7.5	A107020	20	A107070	70
A107008	8	A107025	25	A107075	75
A107009	9	A107030	30	A107080	80
A107010	10	A107035	35		

A109 [370 - 400V] – *3 PINS*

Code No	uF	Code No	uF	Code No	uF
A109215	2+15	A109417	4+17	A109645	6+45
A109217	2+17	A109420	4+20	A109650	6+50
A109220	2+20	A109425	4+25	A109655	6+55
A109225	2+25	A109430	4+30	A109660	6+60
A109230	2+30	A109435	4+35	A109665	6+65
A109235	2+35	A109440	4+40	A109730	7+30
A109240	2+40	A109445	4+45	A109735	7+35
A109245	2+45	A109450	4+50	A109740	7+40
A109250	2+50	A109455	4+55	A109745	7+45
A109255	2+55	A109460	4+60	A109750	7+50
A109260	2+60	A109465	4+65	A109755	7+55
A109265	2+65	A109520	5+20	A109760	7+60
A109315	3+15	A109525	5+25	A109765	7+65
A109317	3+17	A109530	5+30	A109815	7.5+15
A109320	3+20	A109535	5+35	A109817	7.5+17
A109325	3+25	A109540	5+40	A109820	7.5+20
A109330	3+30	A109545	5+45	A109825	7.5+25
A109335	3+35	A109550	5+50	A109830	7.5+30
A109340	3+40	A109555	5+55	A109835	7.5+35
A109345	3+45	A109560	5+60	A109840	7.5+40
A109350	3+50	A109565	5+65	A109845	7.5+45
A109355	3+55	A109625	6+25	A109850	7.5+50
A109360	3+60	A109630	6+30	A109855	7.5+55
A109365	3+65	A109635	6+35	A109860	7.5+60
A109415	4+15	A109640	6+40	A109865	7.5+65

A107 [440 - 450V] – *3 PINS*

Code No	uF	Code No	uF	Code No	uF
A107215	2+15	A107417	4+17	A107645	6+45
A107217	2+17	A107420	4+20	A107650	6+50
A107220	2+20	A107425	4+25	A107655	6+55
A107225	2+25	A107430	4+30	A107660	6+60
A107230	2+30	A107435	4+35	A107665	6+65
A107235	2+35	A107440	4+40	A107730	7+30
A107240	2+40	A107445	4+45	A107735	7+35
A107245	2+45	A107450	4+50	A107740	7+40
A107250	2+50	A107455	4+55	A107745	7+45
A107255	2+55	A107460	4+60	A107750	7+50
A107260	2+60	A107465	4+65	A107755	7+55
A107265	2+65	A107520	5+20	A107760	7+60
A107270	2+70	A107525	5+25	A107765	7+65
A107315	3+15	A107530	5+30	A107815	7.5+15
A107317	3+17	A107535	5+35	A107817	7.5+17
A107320	3+20	A107540	5+40	A107820	7.5+20
A107325	3+25	A107545	5+45	A107825	7.5+25
A107330	3+30	A107550	5+50	A107830	7.5+30
A107335	3+35	A107555	5+55	A107835	7.5+35
A107340	3+40	A107560	5+60	A107840	7.5+40
A107345	3+45	A107565	5+65	A107845	7.5+45
A107350	3+50	A107625	6+25	A107850	7.5+50
A107355	3+55	A107630	6+30	A107855	7.5+55
A107360	3+60	A107635	6+35	A107860	7.5+60
A107365	3+65	A107640	6+40	A107865	7.5+65
A107415	4+15				

AIR-CON OVAL CAPACITOR

A108 [370 - 400V] – *2 PINS*

Code No	uF	Code No	uF	Code No	uF
A108002	2.5	A108015	15	A108050	50
A108003	3	A108017	17.5	A108055	55
A108004	4	A108020	20	A108060	60
A108005	5	A108025	25	A108065	65
A108006	6	A108030	30	A108070	70
A108007	7.5	A108035	35	A108075	75
A108010	10	A108040	40	A108080	80
A108012	12.5	A108045	45		

A106 [440 - 450V] – *2 PINS*

Code No	uF	Code No	uF	Code No	uF
A106001	2	A106011	11	A106040	40
A106002	2.5	A106012	12	A106045	45
A106003	3	A106013	13	A106050	50
A106004	4	A106014	14	A106055	55
A106005	5	A106015	15	A106060	60
A106006	6	A106017	17.5	A106065	65
A106007	7.5	A106020	20	A106070	70
A106008	8	A106025	25	A106075	75
A106009	9	A106030	30	A106080	80
A106010	10	A106035	35		

A108 [370 - 400V] – *3 PINS*

Code No	uF	Code No	uF	Code No	uF
A108215	2+15	A108430	4+30	A108650	6+50
A108217	2+17	A108435	4+35	A108655	6+55
A108220	2+20	A108440	4+40	A108660	6+60
A108225	2+25	A108445	4+45	A108665	6+65
A108230	2+30	A108450	4+50	A108715	7+15
A108235	2+35	A108455	4+55	A108717	7+17
A108240	2+40	A108460	4+60	A108720	7+20
A108245	2+45	A108465	4+65	A108725	7+25
A108250	2+50	A108515	5+15	A108730	7+30
A108255	2+55	A108517	5+17	A108735	7+35
A108260	2+60	A108520	5+20	A108740	7+40
A108265	2+65	A108525	5+25	A108745	7+45
A108315	3+15	A108530	5+30	A108750	7+50
A108317	3+17	A108535	5+35	A108755	7+55
A108320	3+20	A108540	5+40	A108760	7+60
A108325	3+25	A108545	5+45	A108765	7+65
A108330	3+30	A108550	5+50	A108815	7.5+15
A108335	3+35	A108555	5+55	A108817	7.5+17
A108340	3+40	A108560	5+60	A108820	7.5+20
A108345	3+45	A108565	5+65	A108825	7.5+25
A108350	3+50	A108615	6+15	A108830	7.5+30
A108355	3+55	A108617	6+17	A108835	7.5+35
A108360	3+60	A108620	6+20	A108840	7.5+40
A108365	3+65	A108625	6+25	A108845	7.5+45
A108415	4+15	A108630	6+30	A108850	7.5+50
A108417	4+17	A108635	6+35	A108855	7.5+55
A108420	4+20	A108640	6+40	A108860	7.5+60
A108425	4+25	A108645	6+45	A108865	7.5+65

A106 [440 - 450V] – *3 PINS*

Code No	uF	Code No	uF	Code No	uF
A106215	2+15	A106430	4+30	A106650	6+50
A106217	2+17	A106435	4+35	A106655	6+55
A106220	2+20	A106440	4+40	A106660	6+60
A106225	2+25	A106445	4+45	A106665	6+65
A106230	2+30	A106450	4+50	A106715	7+15
A106235	2+35	A106455	4+55	A106717	7+17
A106240	2+40	A106460	4+60	A106720	7+20
A106245	2+45	A106465	4+65	A106725	7+25
A106250	2+50	A106515	5+15	A106730	7+30
A106255	2+55	A106517	5+17	A106735	7+35
A106260	2+60	A106520	5+20	A106740	7+40
A106265	2+65	A106525	5+25	A106745	7+45
A106315	3+15	A106530	5+30	A106750	7+50
A106317	3+17	A106535	5+35	A106755	7+55
A106320	3+20	A106540	5+40	A106760	7+60
A106325	3+25	A106545	5+45	A106765	7+65
A106330	3+30	A106550	5+50	A106815	7.5+15
A106335	3+35	A106555	5+55	A106817	7.5+17
A106340	3+40	A106560	5+60	A106820	7.5+20
A106345	3+45	A106565	5+65	A106825	7.5+25
A106350	3+50	A106615	6+15	A106830	7.5+30
A106355	3+55	A106617	6+17	A106835	7.5+35
A106360	3+60	A106620	6+20	A106840	7.5+40
A106365	3+65	A106625	6+25	A106845	7.5+45
A106415	4+15	A106630	6+30	A106850	7.5+50
A106417	4+17	A106635	6+35	A106855	7.5+55
A106420	4+20	A106640	6+40	A106860	7.5+60
A106425	4+25	A106645	6+45	A106865	7.5+65

AIR-CON SQUARE CAPACITOR

Square Capacitor

Square Capacitor

A101 [450V]

Code No	uF	Code No	uF	Code No	uF
A101010	1.0	A101015	1.5	A101020	2.0
A101025	2.5	A101030	3.0	A101035	3.5
A101040	4.0	A101045	4.5	A101050	5.0
A101055	5.5	A101060	6.0	A101070	7.0
A101080	8.0	A101090	9.0	A101100	10.0
A101110	11.0	A101120	12.0		

A102 [450V]

Code No	uF	Code No	uF	Code No	uF
A102010	1.0	A102015	1.5	A102020	2.0
A102025	2.5	A102030	3.0	A102035	3.5
A102040	4.0	A102045	4.5	A102050	5.0
A102055	5.5	A102060	6.0		

AIR-CON OVERLOAD

(KLIXON)

A070301 – 1/2HP 220V MRA98688 KB004-05
A070302 – 3/4HP 220V MRA98735 KB004-34
A070303 – 1.0HP 220V MRA98776 KB004-10
A070304 – 1.5HP 220V MRA99120 KB004-15
A070305 – 2.0HP 220V MRA99123 KB004-20

AIR-CON RELAY

A080201

PTC START RELAY (1/2 HP – 3HP) 220V – PTC/30

AIR-CON TIME DELAY

A030301 - DELAY ON MAKE TIMER
(ARUKI ADM-68) 0.03-10MINS/ 19-288V

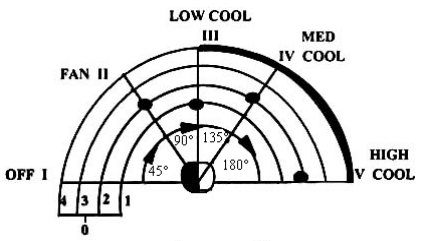
A030401 - DELAY ON BREAK TIMER
(ARUKI ADB-72) 0.03-10MINS/ 19-288V

AIR-CON THERMOSTAT

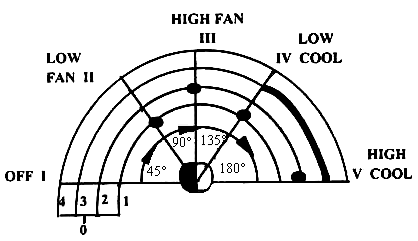
1. **A090501**-A30-2266-057 (2 PINS)	2. **A090801**-KWTB-602D-07 (3PINS)	3. **A090802**-KWTB-057 (3 PINS) **A090805**-KWTB-Y395 (3 PINS)	4. **A090803**-KWTB-333 (3 PINS)	5. **A090804**-KWTB-157 (3PINS) **A090806**-KWTB-1630HC (3PINS)
6. **A090901**-PFA-111-A (2PINS) **A090902**-YWTB-17S5 (2PINS)	7. **A090903**-PFA-606S-A (2PINS)	8. **A090904**-YWTB-17F28 (2PINS)	9. **A090905**-YWTB-604G (2 PINS)	10. **A090912**-YWTB-17S6 (2 PINS)

AIR-CON SELECTOR SWITCH

A140201 – AK-101B - 3 SPEED



A140202 – AK-102B - 2 SPEED



UNIVERSAL A/C PCB WITH REMOTE CONTROL

Auto Restart Function

A095304

Model : ARUKI QD - U08C

Features :

- ✓ *5 Working Modes*
- ✓ *3 Fan Speeds*
- ✓ *Accurate & Stable Temperature Control*
- ✓ *Accurate & Stable Auto Fan*
- ✓ *Timer Inline/Offline*
- ✓ *Sleep*
- ✓ *Periodical Defrost*
- ✓ *Double Sensor*
- ✓ *Prevent cold wind in heating mode*
- ✓ *Outdoors fan is controlled Independently*

** Note : For use only with Split Air-Con of below 2 HP*

A095306

Model : ARUKI QD - 973

Features :
(for original Panasonic code)

- ✓ *5 Working Modes*
- ✓ *3 Fan Speeds*
- ✓ *Accurate & Stable Temperature Control*
- ✓ *Accurate & Stable Auto Fan*
- ✓ *Timer Inline/Offline*
- ✓ *Sleep*
- ✓ *Periodical Defrost*

** Note : For use only with Split Air-Con of below 2 HP*

Auto Restart Function

A095308

Model : ARUKI QD - U11A

Features :

- ✓ *5 Working Modes*
- ✓ *3 Fan Speeds*
- ✓ *2 sensors*
- ✓ *Digital LED Display*
- ✓ *Prevent Cold Wind in Heating Mode*

** Note : For use only with Split Air-Con of up to 2 HP*

UNIVERSAL REMOTE CONTROL

A095213

UNIVERSAL A/C
REMOTE CONTROL
+FLASH LIGHT
1000 IN 1 (ARUKI A-1028T)

NEW!!! Flash Light Function

SUITABLE FOR:
Assemble Models, Carrier, Daikin, Fujitsu, Haier, Hitachi, LG, Mitsubishi, National, Panasonic, Samsung, Sharp, TCL, Toshiba, Whirlpool, York and so much more…

POINT TO POINT TECHNOLOGY

LCD LIQUID CRYSTAL DISPLAY

TIMER function

ROOM CONTROL THERMOSTAT

A095102

MODEL: AW – 3B

SPECIFICATIONS:

✓ **Size:**	128 X 85 X 39mm
✓ **Body:**	ABS Material Anti-Flammable
✓ **Installation:**	Wall Mounting
✓ **Temperature Range:**	10 °C - 30 °C
✓ **Accuracy:**	+/1 °C
✓ **Power Consumption:**	<2W
✓ **Power:**	220V ± 10%, 50/60Hz

FEATURES:

- Easy Operate Function:
  - Manual Changeover from Heat to Cool and Room Temperature.
  - 3-Speed Fan Selector
- Energy Saving

WIDELY USED ON:
Electrical Operated Valve / Fan Valve / Solenoid Valve / 4-Pipe Fan Coil Unit.
Central Air-Conditioning system for Hotel / Factory / Commercial Building / Supermarket / Hospital / Residential Apartment & etc

DIGITAL ROOM THERMOSTAT FOR HOTEL

With or without Key Card function

1. A09511 Series

AIR-CON DIGITAL THERMOSTAT

NEW!

large LCD one with backlight, 3 speed fan, manual change over heat or cool.

- Temperature adjustments are simple with the large up-down arrows
- Display shows both set points and room
- Maintains the temperature to within 1 degree set point
- Auto fan with adjustable 3-fan speed
- Keep setting retention during power loss

Model	Main Feature
A095112	Used for 4-pipe system ,flush mount
A095115	Only cooling mode, with room card, flush mount

2. A09512 Series

AIR-CON DIGITAL THERMOSTAT

NEW!

large LCD with backlight, 3 speed fan, manual change over heat or cool. Can be programmable.

- Set points and room temperature display simultaneously
- Sleep mode option
- The temperature within the range of 0.5℃ to the set point
- Keep user setting retention during power loss
- Display temperature recalibrates
- Automatic fan with adjustable 3-fan speed.

Model	Main Feature
A095122	4-pipe fan coil unit system, 3-speed fan

3. A095105

NEW!

24V FAN COIL THERMOSTAT
Wall mounted thermostat (with room card on off function)

FEATURES

- New vertical design, crosswise installation or vertical installation
- Temperature adjustment are simple
- Display shows both set pints and room temperature simultaneously
- Maintains the temperature to within 1 degree set point
- Auto fan with adjustable 3 fan speed

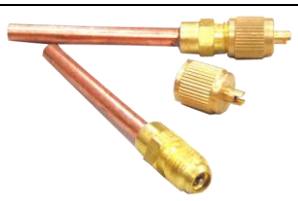
FILTER DRIER

1. **A110102** - FOR AIR-CON, R22 1 IN 2 OUT, (10.0x3.0 & 3.0) MM Ø -19MM, L – 103MM	2. **R110101** - FOR REFRIGERATOR, R134a/R12 10g 1 IN 1 OUT, (6.4x2.6) MM Ø -19MM, L – 105MM	3. **R110102** - FOR REFRIGERATOR, R134a/R12 10g 2 IN 1 OUT, (6.4 & 4.7x2.6) MM Ø -19MM, L – 105MM
4. **R110104** -FOR REFRIGERATOR, R134a/R12 10g 2 IN 1 OUT, (6.4 & 6.4 x 2.6) MM Ø –19MM, L – 105MM	5. **R110105** -FOR REFRIGERATOR, R134a/R12 15g 1 IN 1 OUT, (6.4 x 2.6) MM Ø –19MM, L – 115MM	

ACCESS VALVE / CHARGING VALVE

MODEL	COMMON SIZE
R120101	3/16" x 0.4 x 8cm
R120102	1/4" x 0.4 x 8cm
R120103	1/4" x 0.6 x 6cm

CUSTOMIZATION AVAILABLE UPON REQUEST



SIZE Ø	LENGTH							
1/4	40mm	50mm	60mm	70mm	80mm	90mm	100mm	120mm
3/16	40mm	50mm	60mm	70mm	80mm	90mm	100mm	120mm
3/8	40mm	50mm	60mm	70mm	80mm	90mm	100mm	120mm

ARUKI®
COMPONENTS

Refrigerator Spare Parts Table of Contents:

Aruki R134a Refrigerator Compressor 1

Aruki R22 Refrigerator Compressors 1

Hua Guang R134a Compressors 1

Samsung R134a Refrigerator LBP Compressors 2

Fan Motors 3-4

Fan Blower / Blade 4

Axial Fan / Cage Fan Motors 5-6

Defrost Timer 7

Defrost Thermostat / Bimetal & Thermal Fuse 8

Defrost Heater 9

Frame & Wire Heater 9

Overload Protector 10

Relay 10

Thermostat 11-12

Running Capacitors 13

Door Switch 14

Condenser 15

Ice Maker 15

ARUKI® R134a COMPRESSOR

Code No	Models	Voltage	Disp. (cm^3)	HP	Capacity (W)	Input (W)	Current (A)	Efficiency COP (w/w)
R010602	SQD43H	220V / 50Hz	4.3	1/7	110	102	0.80	1.07
R010603	SQD52H	220V / 50Hz	5.2	1 / 6	130	125	0.93	1.04
R010604	LQD65H	220V / 50Hz	6.5	1 / 5	168	155	1.32	1.083
R010605	LQD75H	220V / 50Hz	7.5	1 / 5+	180	164	1.35	1.097
R010606	LQD91H	220V / 50Hz	9.1	1 / 4	208	183	1.55	1.13
R010607	QQD110H	220V / 50Hz	11.0	1/3	258	240	2.0	1.07

COMES WITH MOUNTING ACCESSORIES, OVERLOAD & RELAY

COMPRESSOR TESTING CONDITIONS							
Evaporating Temp.	-23.3°C	Condensing Temp.	54.4°C	Ambient Temp.	32.3°C	Suction Temp.	32.2°C

WANBAO R134a COMPRESSOR

Code No	Models	Voltage	Disp. (cm^3)	HP	Capacity (W)	Input (W)	Current (A)	Efficiency COP (w/w)
R010501	AS35	220V / 50Hz	3.55		72	80	0.61	0.9
R010502	AS43	220V / 50Hz	4.3		84	89	0.75	0.94
R010503	AS51	220V / 50Hz	5.1		108	107	0.81	1.01
R010504	ASD53K	220V / 50Hz	5.3	1/8	144	120	1.12	1.2
R010505	AQAW66X	220V / 50-60Hz	6.55	1/6	150	144	1.16	1.04
R010506	AQAW77X	220V / 50-60Hz	7.69	1/5	180	167	1.28	1.08
R010507	AQAW91	220V / 50Hz	9.1	1/4	220	183	1.35	1.2
R010508	AQAW110	220V / 50Hz	10.86	1/3	260	226	1.7	1.15

COMES WITH MOUNTING ACCESSORIES, OVERLOAD & RELAY

COMPRESSOR TESTING CONDITIONS							
Evaporating Temp.	-23.3°C	Condensing Temp.	54.4°C	Ambient Temp.	32.3°C	Suction Temp.	32.2°C

ARUKI® R22 COMPRESSOR

>> 220V / 50 Hz

Technical Details

Code No: R010912 **Rated Current (A):** 2.50
Model: SCQD120D **Motor Type:** CSIR
Cooling Cap (W): 400 **Cooling Type:** F2
Rated Power(W): 360 **Weight (kg):** 14
COP (W/): 1.11

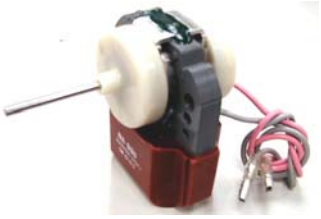
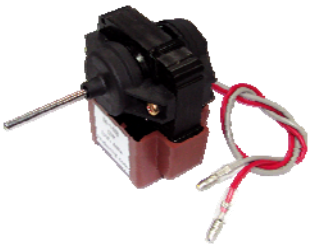
COMES WITH MOUNTING ACCESSORIES, OVERLOAD & RELAY

SAMSUNG R134a LBP COMPRESSOR

WITH ACCESSORIES

Descriptions	Capacity (W)	COP (W/W)	QTY Pallet
220-240V ; 50HZ			
MSA 141Q-S1A	112	1.27	72
MSA 171Q-L1B	201	1.54	72
220-240V 50HZ / 220V 60HZ			
MSA 151G-L1B	143	1.52	72
MSA 162G-L1B	176	1.53	72
115V 60Hz			
MSA 141C-S1A	144	1.40	72
MSA 151C-L1B	177	1.56	72
MSA 162C-L1B	217	1.50	72
MSA 170C-L1B	258	1.61	72

FAN MOTOR

1) **R020101** (110V) **R020102** (220V) NA-09BA (CW/CCW, Ø3.17)	2) **R020103** (110V) **R020104** (220V) NA-14AB (CCW/CW, Ø3.17)	3) **R020106** (220V) NA-17AB (CCW/CW, Ø3.17)	4) **R020206** (220V)  SE-09A (CCW Ø3.17)
5) **R020113** (110V) NA-14A1 (CCW, Ø3.17)	6) **R020121** (110V) **R020122** (220V) MS-09BA (CW, Ø3.17)	7) **R020123** (110V) **R020124** (220V) MS-14AB (CCW, Ø3.17)	8) **R020212** (220V) SD-07BA (CW/CCW, Ø3.17)
9) **R020214** (220V) **R020218** (220V) MH07BCF-TJA5 (CW, Ø3.17) MH-14BA (C15ES) (CW, Ø3.17)	10) **R020220** (220V) 36GE115 CCW (CW, Ø3.17)	11) **R020401** (110V) **R020402** (220V) SA-09AB (CW/ CCW, Ø3.17)	12) **R020403** (110V) **R020404** (220V)  SA-14AB (CW/ CCW, Ø3.17)
13) **R020233** (110V) **R020234** (220V) CONDENSER FAN MOTOR CF-20AB (CCW/CW, Ø6.0) WITH 5" ALUMINUM BLADE	14) **R020301** (110V) **R020302** (220V) ESM-999 & ESM-998	15) **R020305** (127V) **R020306** (220V) G15829 & Y165207 (CW, Ø3.17)	16) **R020308** (220V) MA-61103D-2Z (CW, Ø3.17)
17) **R020751** (110V) **R020752** (220V) 2J01289A & B (CCW, Ø4.0)	18) **R020801** (110V) **R020802** (220V) RE-01WQS2E & RE-01WTS2 (CW, Ø4.0)	19) **R020803** (115V) **R020804** (220V) SB44ASE066A & 057 : GE-14 (CCW, Ø3.17)	20) **R020805** (115V) **R020806** (220V) FL2-021L5M & FL2-022LM5 (CW, Ø4.0)

FAN MOTOR

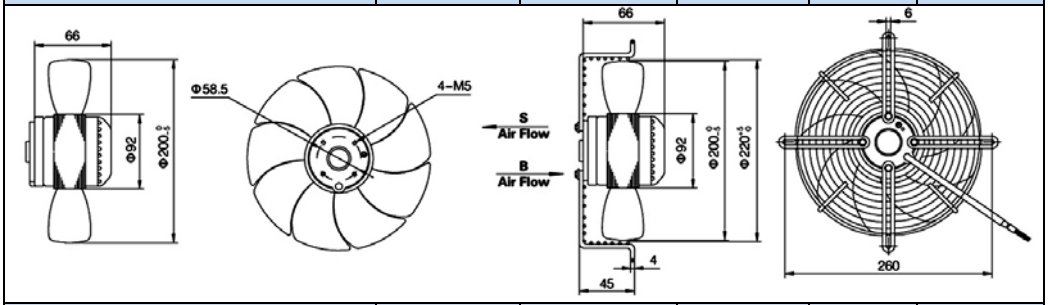
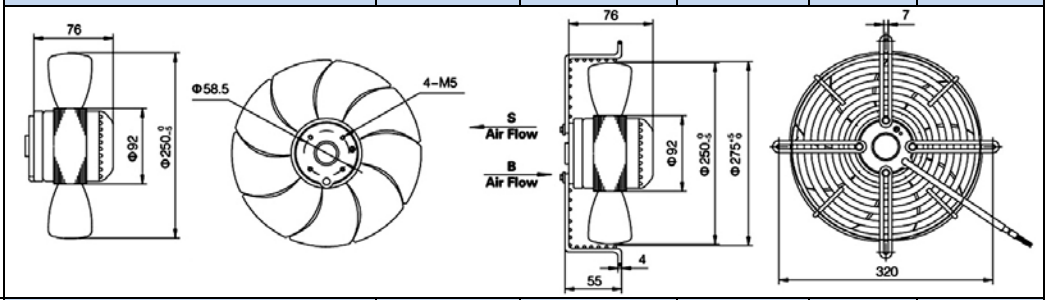
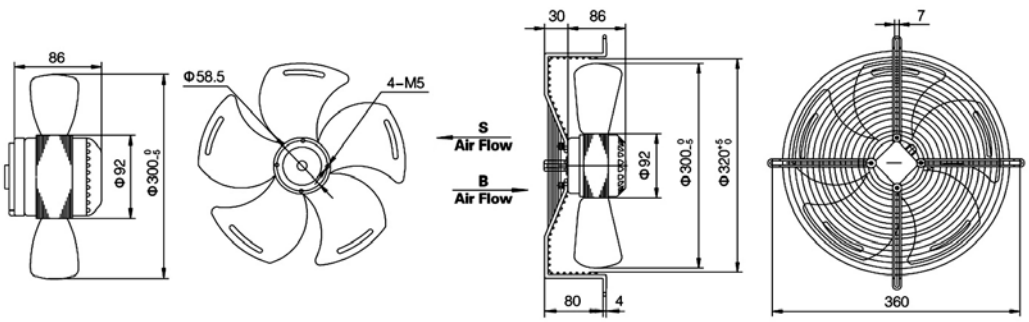
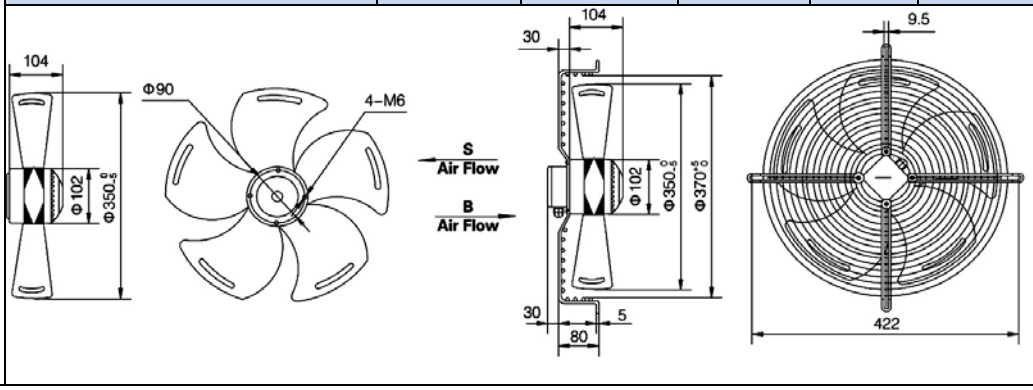
21) **R020835** (220V) 4680JB1026B (CCW, Ø4.0)	22) **R020810** (220V) RF-01WTB (CW, Ø4.0)	23) **R020814** (220V) IS-3210DWNFF2 (CCW, Ø4.0)	24) **R020816** (220V) IS-3210SNPSA (CCW, Ø3.17)
25) **R020819** (110V) **R020820** (220V) DA1-6122DEMFA (110V) IS-3210DWNFO (220V) (CCW, Ø3.17)	26) **R020823** (110V) **R020824** (220V) J58-00024K (CCW, Ø4.0)	27) **R020826** (220V) IS-3210ARCB (CCW, Ø3.17)	28) **R021102** (12DC) D4612AAA21 (CCW, Ø3.17)
29) **R020869** & **R020871** (110V), **R020872** (220V) SM-670, SM-671 & SM-672 (CW, Ø4.76)	30) **R020874** (220V) 2J-14BA (CW) 50/60HZ WITH BLADE & BRACKET	31) **R025403**, **05**, **07**, **10**, **16** & **25** (220V) CONDENSER FAN MOTOR 3W, 5W, 7W , 10W, 16W & 25W	32) GE CONDENSER FAN MOTOR **R025502** – 2W 110V **R025604** – 4W 220V **R025609** – 9W 220V

FAN BLOWER / BLADE

1) **R130108**, **R130109**, **R130110** BLOWER 85MM x 4MM 90MM x 4MM 100MM x 4MM	2) **R130208**, **R130210** FAN BLADE CW 80MM x 1/8" CW 100MM x 1/8"	3) **R130308**, **R130310** FAN BLADE CCW 80MM x 4MM CCW 100MM x 1/8"	4) **R135108**, **R135110**, **R135112** ALUMINUM FAN BLADE 8" 10" 12"	5) **R130510** FAN BLADE CW-100MM x 1/8" 5 BLADES

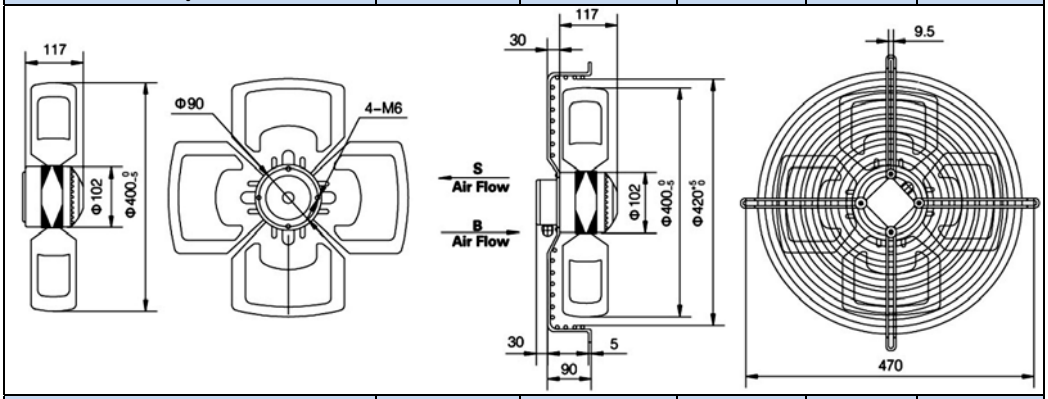
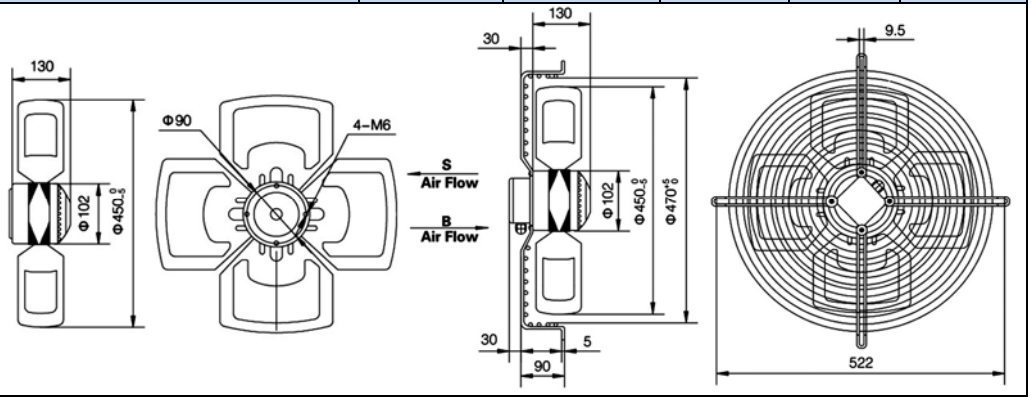
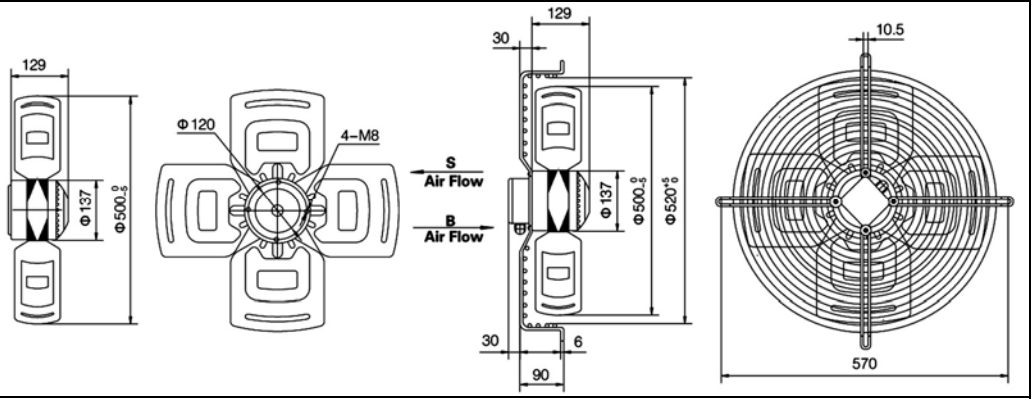
DURABLE AXIAL / CAGE FAN MOTOR

ARUKI® G SERIES

Actual Photo	Model No	Voltage (V)	Frequency (Hz)	Current (A)	Input (W)	Speed (r/min)
E2 series: High RPM	**R026020 2E-Ø200-S92/15G**	220V	50Hz	0.26	55	2300
						
	R026025 2E-Ø250-S92/25G	220V	50Hz	0.40	80	2400
						
4E series: Low RPM	**R026030 2E- Ø300-S92/35G**	220V	50Hz	0.66	145	2300
	R026130 4E- Ø300-S92/35G	220V	50Hz	0.42	85	1350
						
	R026135 4E-Ø350-S-102/34G	220V	50Hz	0.65	140	1380
						

DURABLE AXIAL / CAGE FAN MOTOR

ARUKI® J SERIES

Actual Photo	Model No	Voltage (V)	Frequency (Hz)	Current (A)	Input (W)	Speed (r/min)
4E series: Low RPM	**R026140 4E-Ø400-S-102/47J**	220V	50Hz	0.90	200	1350
						
	R026145 4E-Ø450-S-102/60J	220V	50Hz	1.18	240	1340
						
	R026150 4E-Ø500-S-137/35J	220V	50Hz	2.06	420	1300
						

DEFROST TIMER

Sankyo TMDF Series

Code	Model	(V)
R030101	TMDF702CA1	110
R030102	TMDF702ZA2	240
R030103	TMDF702ZD1	110
R030104	TMDF702ZH2	240
R030105	TMDFX04AB1	110
R030107	TMDF706CB1	110
R030108	TMDF706ZD1	240
R030110	TMDF702CD1	240

Sankyo TMDJ Series

Code	Model	(V)
R030302	TMDJ704ZF1	240
R030309	TMDJ812ZB9	110
	TMDJ518ZF1	240
	TMDJ621ZE9	110
	TMDJ821ZC1	240
	TMDJ821ZB9	110

Sankyo TMDE Series

Code	Model	(V)
R030503	TMDE702PA1	110
R030504	TMDE802PJ1	240
R030505	TMDE706SA1	110
R030506	TMDE706SC1	240
R030508	TMDE520ZC1	240
R030509	TMDE706PG1	110
R030510	TMDE706PM1	240
R030512	TMDE807TC1	240

PACIFIC Timer

Code	Model	(V)
R030501	TD-20L	110
R030502	20C	240

ARUKI® TMDF Series

Code	Model	(V)
R030751	TMDF702CA1	110
R030752	TMDF702ZD1	240
R030753	TMDF702ZA2	110
R030754	TMDF702ZH2	240
R030755	TMDF706CB1	110
R030757	TMDFX04AB1	110

ARUKI® TMDJ Series

Code	Model	(V)
R030802	TMDJ702AC1	240
R030804	TMDJ625ZC1	240
R030805	TMDJX35RB9	110

ARUKI® TMDE Series

Code	Model	(V)
R030701	TMDE702ZA1	110
R030702	TMDE802ZC1	240
R030703	TMDE706ZG2	110
R030704	TMDE807KF2	240
R030706	TMDE706SC1	240
R030708	TMDE802GC2	240
R030710	TMDEX09UM1	240
R030712	TMDE503ZC2	240

NAKAGAWA Timer

Code	Model	(V)
R030451	TMDF0804NT1	110
R030452	TMDF0804NT2	240
R030453	TMDF0804ND1	110
R030454	TMDF0804ND2	240

Code	Model	(V)
R030608	GC-3001-59	240
DEFROST: 10H, CYCLE: 30M		
R030616	GC-3001-21	240
DEFROST: 6H, CYCLE: 25M		

Code	Model	(V)
R030611	R999-58L	110
R030612	R999-59L	240
DEFROST: 8H, CYCLE: 25M		
R030613	E-1111-00	110
R030614	E-1111-21	240
DEFROST: 6H, CYCLE: 21M		

Code	Model	(V)
R030603	BF2001-00	110
R030604	BF2001-21	240
DEFROST: 8H, CYCLE: 25M		
R030605	BF2001-58	110
R030606	BF2001-59	240
DEFROST: 6H, CYCLE: 25M		
R030610		240
DEFROST: 12H, CYCLE: 10M		

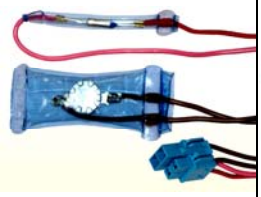
Code	Model	(V)
R030902	ADT-0624	90-240
DEFROST: 15M, 21M, 25M, 32M		
CYCLE: 6H, 8H, 12H, 24H		

R030851
ARUKI TIMER TMDK 706SA1
AC100~120V

R030852
ARUKI TIMER TMDK 706SC1
AC200-240 (YELLOW)

Note:
H stand for hour(s)
M stand for minute(s)

DEFROST THERMOSTAT / BI-METAL & THERMAL FUSE

1. **R040103** **R040104** L48~18F (SL5844) L45~20F (ML6443)	2. **R040105** **R040110** L50~25F (SL5708) L25~50F (SL5708-A)	3. **R040106** L60~18F (SL2697)	4. **R040107** L80~15F (SL8517)	5. **R040108 - 09** L47~15F (SL8528) L40~15F (SL8509)	6. **R040111** L-17 ~ -7F(KSD-1008)
7. **R040112** L55~35F (KSD-1007)	8. **R040121 to 26** ML 45 , 50 , 55 , 60 , 65 & 70	9. **R040201** N8 WITH SOCKET	10. **R040202** MM1-N13 FOR NATIONAL, GE	11. **R040203** MRKK MM2-247	12. **R040204/05** N8 KSD303-A-7 N13 KSD303-A
13. **R040401, 02, 03** 8°C, 13°C, 18°C	14. **R040503** ST-3	15. **R040504** ST3-N15 LEAD WIRE 350 MM	16. **R040602** FOR SHARP BI-METAL 13°C + FUSE 2 WIRES	17. **R040603** FOR SAMSUNG BI-METAL ST-3 + FUSE 3 WIRES	18. **R040604** FOR MITSUBISHI BI-METAL + FUSE 3 WIRES
19. **R040605**  For LG KSD-3019 BI-METAL N12 + 72°c FUSE 4 WIRES	20. **R040606** TH2-13C+FUSE 72C, 3WIRES WITH SOCKET	21. **R040607** FOR TOSHIBA BI-METAL + FUSE (MM2-287) 4 WIRES	22. **R040608** BI-METAL + FUSE 72°C (TH2-8C-72) 3 WIRES	23. **R040610** ST-3 + FUSE 72°C 3 WIRES WITH SOCKET	24. **R040611** ST-3 + FUSE 72°C (LG KSD-2008A) WITH TWO SOCKETS
25. **R040651** SENSOR + FUSE 72°C, 4 WIRES WITH SOCKET	26. **R040652** SENSOR (SAMSUNG DA3200006W)	27. **R040701** - 65°C* **R040705** - 73°C* THERMAL FUSE 110V & 220V*	28. **R040702** - 76°C* THERMAL FUSE 110V & 220V*	29. **R040703** THERMAL FUSE 70°C-220V	30. **R040704** THERMAL FUSE 77°C-220V

DEFROST HEATER

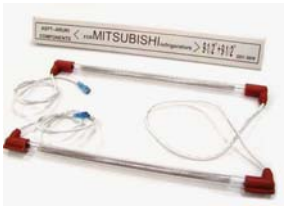
FOR MITSUBISHI, NATIONAL,
TOSHIBA, HITACHI, SHARP, GE ETC.

R050108 - 8" --- 110W/110V
R050108 - 10" --- 120W/110V
R050112 - 12" --- 130W/110V
R050114 - 14" --- 145W/110V
R050115 - 15" --- 150W/110V
R050116 - 16" --- 160W/110V
R050118 - 18" --- 160W/110V
R050120 - 20" --- 180W/110V
R050118 - 22" --- 180W/110V
R050208 - 8" --- 100W/220V
R050210 - 10" --- 120W/220V
R050211 - 11" --- 120W/220V
R050212 - 12" --- 130W/220V
R050213 - 13" --- 130W/220V
R050214 - 14" --- 150W/220V
R050215 - 15" --- 160W/220V
R050216 - 16" --- 160W/220V
R050218 - 18" --- 160W/220V
R050220 - 20" --- 180W/220V
R050222 - 22" --- 180W/220V

FOR DAEWOO, MITSUBISHI ETC.

R050230 - 10" --- 120W/220V
R050231 - 11" --- 120W/220V
R050232 - 11.5" --- 130W/220V
R050232A -12" --- 130W/220V
R050233 - 13.5" --- 130W/220V
R050233A - 13" --- 130W/220V
R050234 - 14" --- 145W/220V
R050235 - 15" --- 145W/220V
R050236 - 16" --- 160W/220V
R050132 - 11.5" --- 130W/110V
R050132A - 12" --- 130V/110V
R050133 - 13.5" --- 130W/110V

FOR MAYTAG



R050209
9-1/2"x2 --- 550W/220V

R050149
9.5"x2 --- 550W/110V GE

FOR JAPANESE
& KOREAN FRIDGE

R050254
14.5" --- 150W/220V
WITH DEORDORIZER

U TYPE DEFROST HEATER
(200-240V)

R050302
L370MM x 100MM --- 350W

R050304
L540MM x 100MM --- 480W

STRAIGHT TYPE DEFROST HEATER
(200-240V)

R050350 - L500MM --- 230W
R050352 - L600MM --- 300W
R050354 - L700MM --- 350W
R050356 - L800MM --- 400W
R050358 - L900MM --- 450W
R050360 - L1000MM --- 500W

FRAME & WIRE HEATER

R060202 – 8.6W / 230V

FRAME HEATER

R060304 – 515CM, 40W/220V
R060306 – 600CM, 60W/220V

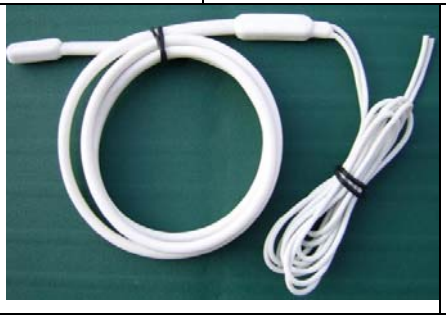
WIRE HEATER

R06 - 695M, 70W/230V

COMPRESSOR HEATER

R060410 - 1M 40W
R060420 - 2M 80W
R060430 - 3M 120W
R060440 - 4M 160W
R060450 - 5M 200W
R060460 - 6M 240W

DRAIN HEATER
200-240V



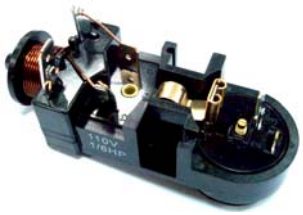
R060517- DRAIN HEATER
220V 1.7M/80W

WITH THERMOSTAT
OPEN 8C/CLOSE 5C

OVERLOAD PROTECTOR

 R070303 – 1/3HP **R070304** – 1/4HP **R070305** – 1/5HP **R070306** – 1/6HP **R070308** – 1/8HP **R070310** – 1/10HP	 **R070445** – P45KS (FOR SANYO)	 **R070504** - 1/4HP **R070505** - 1/5HP **R070506** - 1/6HP **R070508** - 1/8HP **R070510** - 1/10HP

RELAY

 R080201 / **R080211** PTC 1-PIN	 **R080202** / **R080212** PTC 2-PINS	 **R080203** / **R080213** PTC 3-PINS	 **R080204** / **R080214** PTC 4-PINS
 (KLIXON) **R080404** – PTC 4-PINS	 (1/2~1/12HP - LEAD-WIRE) **R080501** – ICG-110V **R080502** – ICG-220V	 **R080504** –103N0011	 **R080506** – 103N0011
 **R080513** – 1/3HP, 220V **R080514** – 1/4HP, 220V **R080515** – 1/5HP, 220V **R080516** – 1/6HP, 220V **R080518** – 1/8HP, 220V	 **R080523** – 1/3HP, 220V **R080524** – 1/4HP, 220V **R080525** – 1/5HP, 220V **R080526** – 1/6HP, 220V **R080528** – 1/8HP, 220V	 **R080803** - 1/3HP, 220V **R080804** - 1/4HP, 220V **R080805** - 1/5HP, 220V **R080806** - 1/6HP, 220V **R080808** - 1/8, 1/10HP, 220V	 **R080903** - 1/3HP, 220V **R080904** - 1/4HP, 220V **R080905** - 1/5HP, 220V **R080906** - 1/6HP, 220V **R080908** - 1/8, 1/10HP, 220V

THERMOSTAT

R090931 - AWTB-DR131
R090932 - AWTB-R132
R090933 - AWTB-F133
R090934 - AWTB-C134

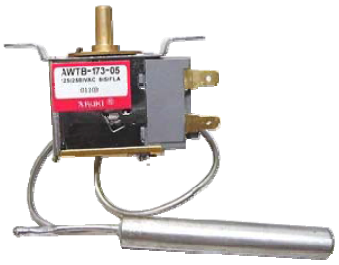
R090901 - AWTB-111A-R
R090902 - AWTB-111E-F
R090903 - AWTB-111F-C

R090935 - DWTB-R135

R090701 - SWTB-R130A

R090601 - AWTB-2712S
R090602 - AWTB-110UA
R090603 - (GNF-110K)

R090924 - AWTB-124GS
R090917 - PFN-C171



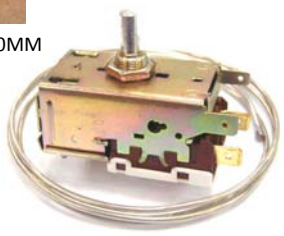
R090905 - AWTB-173-05

R090705 – SWTB-R430

R091200 - K50-A1110
R091201 - K50-A1125
R091202 - K50-A1126
R091203 - K50-A1127

R091221 - DVC1
R091225 - DVS5
R091227 - DVB7
R091229 - DVT9

CAPILLARY Ø 2.20MM



R091208 - K59- A2258-001
R091209 - K59- A6821-001
R091211 - K59- A6827-001

R091210 - K59- A6027-001
R091212 - K59-A6835-001

R091304 – DVP4
R090416 – K60-A1029-001

R091408 - K54-A6004 + KNOB (FOR FREEZER)

R091414-K50-A1110-031-2PINS
R091415-K50-A1100-002-3PINS
R091419-K50-P1126-018-2PINS

R090417 - K60-Q1120-000

THERMOSTAT

 R090604 – AWTB-5C100 **R090607** – AWTB-5VC81	 **R090606** – AWTB-5VG10	 **R090708** - SWTB-8169.IB **R090710** - SWTB-8169.S1	 **R090711** - SWTB-8624
 R090803 – AWTB - 8718	 **R090805** - DWTB-S410	 **R090904** - AWTB-Y1240	 **R090907** - AWTB-S1127
 R090908 - AWTB-1632 **R090909** - AWTB-8169.S1	 **R091032** - AWTB-R132A **R091033** - AWTB-R132B **R091034** - AWTB-136A	 **R090414** - K60-P1013	 **R091610** - R.K59-P1624-000 (FOR SINGER REF)
 R090531 - ATB-DR131 (R) **R090532** - ATB-R132 (R) **R090533** - ATB-F133 (F) **R090534** - ATB-C134 (C)	 **R090911** - PFN-111A (R) **R090912** - PFN-111E (F) **R090913** - PFN-111F (C)	**R090702** STB-R130 Push Button	**R091033** ARUKI ATB-R132B

STARTING CAPACITOR

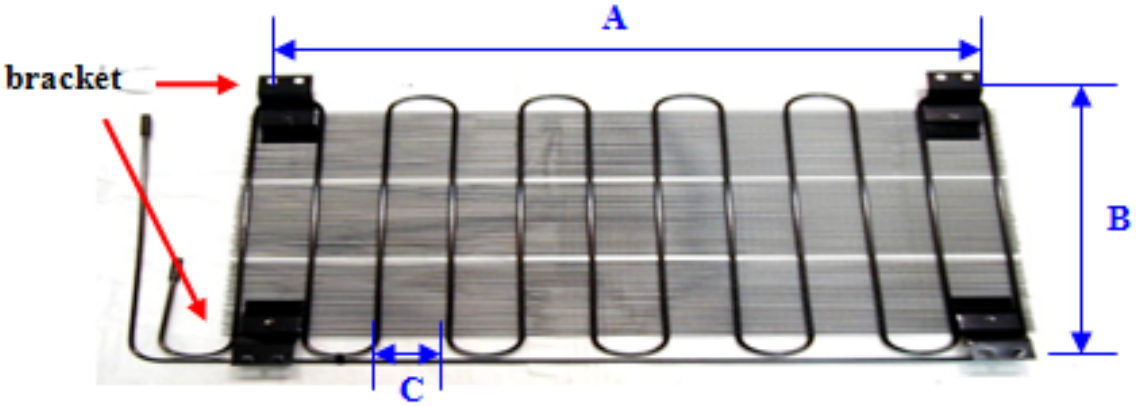
110 / 125VAC	220 / 250VAC	330VAC
R104501 --- 36 - 43UF	**R105001** --- 53-65UF /64-77UF	**R106500** --- 25 - 30UF
R104502 --- 43 - 52UF	**R105002** --- 88 - 106UF	**R106501** --- 36 - 430UF
R104503 --- 47 - 56UF	**R105501** --- 36 - 43UF	**R106502** --- 43 - 52UF
R104504 --- 53 - 64UF	**R105502** --- 43 - 52UF	**R106503** --- 47 - 56UF
R104505 --- 64 - 77UF	**R105503** --- 47 - 56UF	**R106504** --- 53 - 64UF
R104506 --- 72 - 86UF	**R105504** --- 53 - 64UF	**R106505** --- 62 - 77UF
R104507 --- 88 - 106UF	**R105505** --- 64 - 77UF	**R106506** --- 72 - 86UF
R104508 --- 108 - 136UF	**R105506** --- 72 - 86UF	**R106507** --- 88 - 106UF
R104509 --- 124 - 149UF	**R105507** --- 88 - 106UF	**R106508** --- 108 - 136UF
R104510 --- 130 - 156UF	**R105508** --- 108 - 136UF	**R106509** --- 124 - 149UF
R104511 --- 145 - 174UF	**R105509** --- 124 - 149UF	**R106510** --- 130 - 156UF
R104512 --- 161 - 193UF	**R105510** --- 130 - 156UF	**R106511** --- 145 - 174UF
R104513 --- 189 - 227UF	**R105511** --- 145 - 174UF	**R106512** --- 161 - 193UF
R104514 --- 216 - 259UF	**R105512** --- 161 - 193UF	**R106513** --- 189 - 227UF
R104515 --- 233 - 280UF	**R105513** --- 189 - 227UF	**R106514** --- 216 - 259UF
R104516 --- 243 - 292UF	**R105514** --- 216 - 259UF	**R106515** --- 233 - 280UF
R104517 --- 270 - 324UF	**R105515** --- 233 - 280UF	**R106516** --- 243 - 292UF
R104518 --- 40 - 70UF	**R105516** --- 243 - 292UF	**R106517** --- 270 - 324UF
R104519 --- 300 - 364UF	**R105517** --- 270 - 324UF	**R106518** --- 40 - 70UF
R104520 --- 324 - 388UF	**R105518** --- 40 - 70UF	**R106519** --- 300 - 360UF
R104521 --- 1000 - 1200UF	**R105520** --- 324 - 389UF	**R106520** --- 324 - 388UF
R104522 --- 1020 - 1224UF	**R105524** --- 340 - 408UF	**R106524** --- 340 - 408UF
R104523 --- 1280 -1536UF	**R105525** --- 378 - 454UF	**R106525** --- 378 - 455UF
R104524 --- 340 - 408UF	**R105526** --- 400 - 480UF	**R106526** --- 400 - 480UF
R104525 --- 376 - 455UF	**R105527** --- 430 - 516UF	**R106527** --- 430 - 516UF
R104526 --- 400 - 480UF	**R105528** --- 460 - 552UF	**R106528** --- 460 - 552UF
R104527 --- 430 - 516UF	**R105529** --- 540 - 648UF	**R106529** --- 540 - 648UF
R104528 --- 460 - 552UF	**R105530** --- 590 -708UF	**R107513** --- 189 - 227UF
R104529 --- 540 - 648UF	**R105531** --- 708 - 850UF	
R104530 --- 590 - 708UF	**R105532** --- 829 - 995UF	
R104531 --- 708 - 850UF		
R104532 --- 829 - 995UF		

DOOR SWITCH

ARUKI®

1. **R140101** FAN LIGHT SWITCH 3PINS MM7-14C (DS-9) FOR MITS, NAT	2. **R140201** LIGHT SWITCH-NC 2PINS MM7-231 (DS-2) FOR NAT	3. **R140202** FAN SWITCH-NO 2PINS MM7-221 (DS-2) FOR NAT	4. **R140203** FAN LIGHT SWITCH 3PINS MM7-211 (DS-2) FOR NAT	5. **R140204** LIGHT SWITCH 2PINS (DS-11)
6. **R140205** LIGHT SWITCH 2PINS (DS-19)	7. **R140403** FAN LIGHT SWITCH 3PINS (DS-10A) FOR S/S	8. **R140504** FAN LIGHT SWITCH 4PINS SR-DS04 (DS-6) FOR NAT, S/S	9. **R140601** LIGHT SWITCH 2WIRES (DS-18)	10. **R140602** FAN LIGHT SWITCH 3PINS (DS-17A) FOR GE
11. **R140603** FAN LIGHT SWITCH 3PINS (DS-1) FOR SHARP	12. **R140604** ***(R140503)*** FAN LIGHT SWITCH 3PINS (DS-14) FOR LG	13. **R140605** FAN LIGHT SWITCH 3PINS (DS-11)	14. **R140608** ON / OFF SWITCH 3PINS (KDD-1) FOR FREEZER	15. **R140609** FAN LIGHT SWITCH 3PINS (DS-6) FOR NAT
16. **R140610** FAN LIGHT SWITCH 3WIRES (DS-24) FOR LG	17. **R140612** LIGHT SWITCH 2PINS (DS-3)	18. **R140613** LIGHT SWITCH 2PINS (DS-17A) FOR GE	19. **R140614** FAN LIGHT SWITCH 3PINS (DS-21) FOR NAT, S/S	

CONDENSER



Tube Diameter	Code Number	Number of U	Size of A (in mm)	Size of B (in mm)	Size of C (in mm)	Remarks
4.76 mm (3/16")	R164305	5	450	430	50	With Bracket
	R164306	6	550	430	50	With Bracket
	R164307	7	650	430	50	With Bracket
	R164308	8	750	430	50	With Bracket
	R164309	9	850	430	50	With Bracket
	R164310	10	950	430	50	With Bracket
	R164311	11	1050	430	50	With Bracket
	R164312	12	1150	430	50	With Bracket
	R164805	5	450	485	50	Without Bracket
	R164806	6	550	485	50	Without Bracket
	R164807	7	650	485	50	Without Bracket
	R164808	8	750	485	50	Without Bracket
	R164809	9	850	485	50	Without Bracket
	R164810	10	950	485	50	Without Bracket
	R164811	11	1050	485	50	Without Bracket
	R164812	12	1150	485	50	Without Bracket

ICE MAKER

R170102 ICE MAKER 220, 50/60HZ (ARUKI IM-01-2)

This is the key component of new type ice generators or refrigerators for making ice cubes at high speed. It is provided with programs like automatic water-feeding ice making, ice separating etc and equipped with ice detector. When the amount of ice cubes reaches desired level, it will automatically stop ice producing and maintain refrigerator temperature. Users can open the refrigerator and take out ice cubes at anytime they wish. When ice storage is reduced, the machine will begin to make ice again. Thus ice cubes in the refrigerator are always sufficient.

Rated speed of output shaft: 0.83 turn-min min/(50Hz); 1 turn-min min/(60Hz)
Motor power: 3W
Power of heating pipe: 165W
Ice raking time: 2-4min
Ice output each time: 120-130g (each ice cube weighs 15g approx)
Daily ice output: 5-10Kg (depending on refrigeration efficiency)

ARUKI®

COMPONENTS

Other Spare Parts and Tools Table of Contents:

Heating / Cooling Thermostat 1

Washing Machine Hoses 2

Washing Machine Pressure Switch 2

Washing Machine Capacitors 2

Water Valve 3

Washing Machine Universal PC Board 4

Washing Machine Drain Motors 4

Washing Machine Magnetic Pump 4

Tools 5

Vacuum Pump 6

Recovery / Reclaimer Unit 7

Car Air-con Spare Parts 8

Flare Nuts and Union 8

HEATING / COOLING THERMOSTAT

1. **H090111 / H091101**

GWTB-110
0~110°C (WITH ACCESSORIES)

2. **H090112**

GWTB-120
0~120°C (WITH ACCESSORIES)

3. **H090125**

GWTB-250
0-250°C (WITH ACCESSORIES)

4. **H090132**

GWTB-320
50~320°C (WITH ACCESSORIES)

5. **R091103**

GWTB-TR/711
WARM +35°C / COLD –35°C
(WITH ACCESSORIES)

6. **R091105**

P001-F200035
WARM +35°C / COLD –35°C
LONG PROBE/ BOX TYPE

7. **R091106**

P001-A200035
WARM +35°C / COLD –35°C
SHORT PROBE/ BOX TYPE

8. **R091107**

P001-F200040
0~40°C- LONG PROBE/ BOX TYPE

9. **R091109**

P001-F200090
0~90°C- LONG PROBE/ BOX TYPE

* APPLICATIONS

PIC # 1, 2, 3, 4, 9	Water Heater, Water Boiler, Warm Air Heater, Washing Machine, Electric Oven
PIC # 5, 6, 7, 8	Refrigerator, Freezer, Boiler, Cold Storage Room, Display Showcase, Food Warmer

WASHING MACHINE HOSES

1. **W070215, 20, 30**	2. **W071150, 200, 300**	3. **W080314**
INLET HOSE WITH TOUCH JOINT 1.5M, 2.0M, 3.0M	INLET HOSE 1.5M, 2.0M, 3.0M	DRAIN HOSE – C 4ft

PRESSURE SWITCH

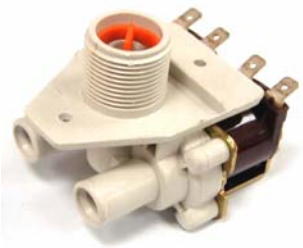
1. **W280301**	2. **W280302**	3. **W280303**
3PINS (FOR JAPAN MOD.)	KPS-54 (FOR SANYO)	PSR-4

CAPACITOR

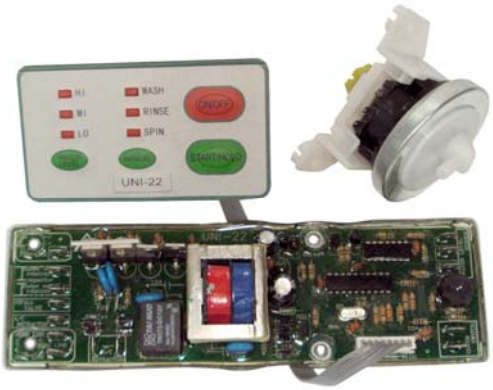
450V 50/60Hz WITH 8M STUD

Code	Description
W104502	2.5µF
W104504	4.5µF
W104506	6.3µF
W104508	8.0µF
W104510	10.0µF
W104512	12.5µF
W104514	14.0µF
W104515	15.0µF
W104516	16.0µF
W104518	18.0µF
W104520	20.0µF
W104525	25.0µF
W104530	30.0µF

WATER VALVE

1. **W160301** -110V (FVS-65V-1) **W160302** -220V (FVS-65V) 1 IN 1 OUT, 90° FOR JAPAN/ KOREA W/M	2. **W160303** -110V (FVS-55VJ-1A) **W160304** -220V (FVS-55VJ-A) 1 IN 1 OUT, 180° FOR JAPAN/ KOREA W/M	3. **W160305** -110V (DR12AS) **W160306** -220V (WV-110) 1 IN 1 OUT, WV-110 FOR JAPAN/ KOREA W/M	4. **W160602** 1 IN 1 OUT, 90° COMMON-6
5. **W160608** 1 IN 1 OUT, 90° DAEWOO-L8	6. **W160311** -110V (EATON-WV-33-1) **W160312** -220V (EATON WV-33) **W160401** -DC 12V (EATON-WV-33) **W160501** -DC 24V (EATON-WV-33) 1 IN 1 OUT, 90° FOR ITALY W/M	7. **W160313** -110V (EATON WV-39-1) **W160314** -220V (EATON WV-39) 1 IN 1 OUT, 180° FOR ITALY W/M	8. **W170101** -110V (DV-TS2-D-1) **W170102** -220V (FCS360A)  1 IN 2 OUT FOR JAPAN/ KOREA W/M
9. **W170202** -220V 1 IN 2 OUT, 180° FOR ITALY W/M	10. **W170204** -220V 1 IN 2 OUT, 90° FOR ITALY W/M	11. **W175202** -220V 1 IN 3 OUT, 180° FOR ITALY W/M	12. **W179101** -220V (CW-151) **W179103** -110V (CW-151-1) 2 IN 1 OUT FOR AMERICAN W/M
13. **212006** (EATON, 2/100N/ CN) VALVE COIL FOR ITALY W/M			

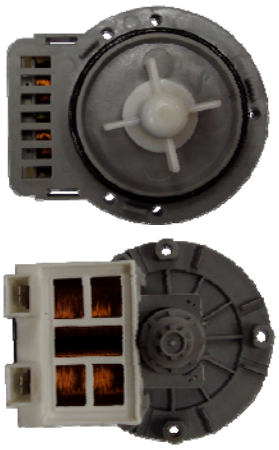
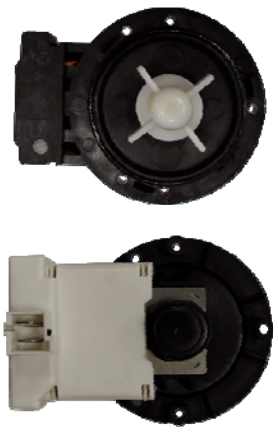
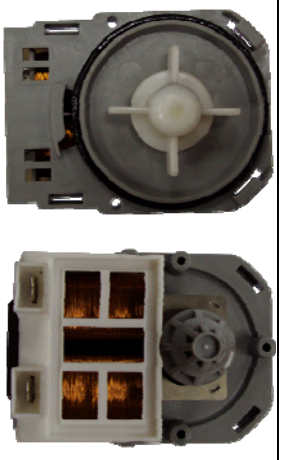
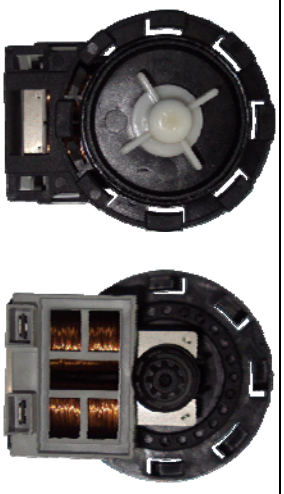
UNIVERSAL PC BOARD

1. **W220021**	2. **W220022**
	
UNI-21	UNI-22 WITH PRESSURE SWITCH

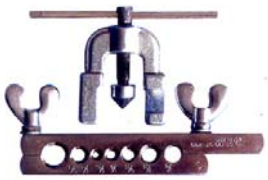
DRAIN MOTOR

1. **W511207**	2. **W511302**	3. **W511303**
HM-KG2-22A 3 PINS (FOR LG)	STM-9F (FOR SANYO)	KD-SW22LD-01 AC220V, 50/60HZ

MAGNETIC PUMP

1. **215601**	2. **215602**	3. **215603**	4. **215606**	5. **215504**
				
ARUKI AF1103	ARUKI AF1206	ARUKI AF1503	ARUKI AF1303	FOR ELBA W/M

TOOLS

1. **T020103** **T020136 / 160 / 172** CHARGING HOSE (ARUKI) 36", 60", 72" x 1PCE 36" / 60" / 72" x 3PCS	2. **T020203 / 04** ARUKI RG-250-B - LOW ARUKI RG-500-R - HIGH - R12, R22, R134a	3. **T020211 / 12** BLUE GAUGE – LOW RED GAUGE – HIGH **- R410a**	4. **T020207** MANIFOLD SET (ARUKI CT-501) - R12, R22, R134a,R502	5. **T120307** FITTING ACCESSORIES (ARUKI CH-138)
6. **T120303** R134a QUICK COUPLER (ARUKI QC-12)	7. **T120304** R134a QUICK COUPLER (ARUKI QC-15-90D)	8. **T120305** R134a QUICK COUPLER (ARUKI QC-LH)	9. **T120330** CAPILLARY TUBE CUTTER (ARUKI CT-1104)	10. **T120331** PIPE CUTTER (ARUKI CT-127) (OD: 1/8"~5/8"))
11. **T120332** PIPE CUTTER (ARUKI CT-274) (OD: 1/8"~1 1/8")	12. **T120311** GAUGE VALVE (ARUKI CT-466) METAL KNOB	13. **T120341** CAN TAP VALVE (ARUKI CH-339)	14. **T120342** CAN TAP VALVE (ARUKI CH-340)	15. **T120351** B PINCH OFF PLIERS (ARUKI CT-201)
16. **T120321**  FLARING TOOLS (ARUKI CT-195)	17. **T120343** CLAMP ON TAPPING VALVE (BVP-31) FOR 1/4" OR 5/16" OR 3/8"	18. **T120369** TUBE BENDER 3-IN-1 (CT-369)	19. **FLARE NUTS / UNION** Go to page 8 for complete details	
20. **T120322 / 23** FLARING AND SWAGING TOOL (45°) (ARUKI CT - 275A & B) FLARES: 1/8" - 3/4", SWAGES: 3/16" - 3/4"		21. **T120324** FLARING AND SWAGING TOOL (45°) (ARUKI CT - 278A) FLARES: 1/8" - 3/4", SWAGES: 3/16" - 3/4"		

VACUUM PUMP

T010102

ALSO AVAILABLE WITH SOLENOILD VALVE

SINGLE STAGE

Model		VP-1C-2	VP-1C-1	VP-1.5A-2	VP-1.5A-1	VP-2B-2	VP-2B-1	VP-3B-2	VP-3B-1
Product Code		T010102	T010101	T010104	T010103	T010106	T010105	T010108	T010107
Voltage Frequency		220V 50/60Hz	110V 60Hz	220V 50/60Hz	110V 60Hz	220V 50/60Hz	110V 60Hz	220V 50/60Hz	110V 60Hz
Free Air	M^3/h	3.0	3.6	4.5	5.4	5.0	6.0	-	-
Flow Rate	CFM	1.3	1.5	2.0	2.5	3.5	4.5	6.5	8.0
	L/MIN	37	42	57	70	100	127	184	200
Ultimate	Pa	2		2		2		2	
Vacuum	Microns	150		150		100		100	
Spiral rate of electric machinery (r/min)		1440	1720	1440	1720	1440	1720	1440	1720
Capacity factor (W)		135		160		180		370	
Caliber of gas admission (mm)		Ø6		Ø6		Ø9		Ø9	
Motor		1/4HP		1/4HP		1/3HP		3/4HP	
Intake ports		1/4”		1/4”		1/4”		1/4” & 3/8”	
Oil capacity		220ml		220ml		250ml		600ml	
Dimensions		290x110x240 (mm)		315x120x240 (mm)		336x123x255 (mm)		385x140x280 (mm)	
Net weight		7Kg		8.1Kg		10.5Kg		20.5Kg	

DOUBLE STAGE

Model		VP2-0.5B-2	VP-0.5B-1	VP2-1B-2	VP-2-1B-1	VP2-2B-2	VP2-2B-1	VP2-3B-2	VP2-3B-1
Product Code		T010202	T010201	T010204	T010203	T010206	T010205	T010208	T010207
Voltage Frequency		220V 50Hz	110V 60Hz	220V 50Hz	110V 60Hz	220V 50Hz	110V 60Hz	220V 50Hz	110V 60Hz
Free Air	M^3/h	-	-	-	-	-	-	-	Free Air
Flow Rate	CFM	1.3	1.5	2.5	3.0	4.0	5.0	6.5	Flow Rate
	L/MIN	37	42	70	84	113	142	184	
Ultimate	Pa	5×10^{-1}		5×10^{-1}		5×10^{-1}		5×10^{-1}	
Vacuum	Microns	50		50		50		50	
Spiral rate of electric machinery (r/min)		1440	1720	1440	1720	2880	3450	1440	1720
Capacity factor (W)		160		180		250		370	
Caliber of gas admission (mm)		Ø6		Ø6		Ø9		Ø9	
Motor		1/4HP		1/3HP		1/3HP		3/4HP	
Intake ports		1/4"		1/4"		1/4"		1/4" & 3/8"	
Oil capacity		220ml		220ml		220ml		250ml	
Dimensions		315x120x240 (mm)		336x123x255 (mm)		336x123x255 (mm)		385x140x280 (mm)	
Net weight		9.6Kg		10Kg		12.5Kg		20.5Kg	

RECOVERY / RECLAIMER UNIT

T060112

FEATURES:

- Oil filled pressure gauge
- New blow molded case
- Self-clearing valve, purge “on the fly”
- Recovers all commonly used refrigerants (CFC, HCFC, HFC including R410A)
- Designed for residential and light commercial systems
- Economic Recovery Workhorse
- User friendly design
- Durable and efficient

Allows cost savings from re-cycling and re-use of gas recovered by the machine!

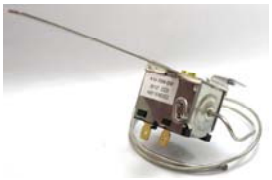
SPECIFICATION

Refrigerant Class	**CAT III**	R12 , R134a , R401C , R406A , R500	
	CAT IV	R22 , R401A , R401B , R402B , R407C , R407D , R408A , R409A , R411A , R411B , R412A , R502 , R509	
	CAT V	R402A , R404A , R407A , R407B , R410A , R507	
Power Supply	110-120VAC , 60Hz		220-240VAC , 50/60Hz
Motor	1/2HP		
Motor Speed	1450RPM @ 50Hz / 1750RPM @ 60Hz		
Max. Current Draw	8A @ 60Hz		4A @ 50Hz / 4.8A @ 60Hz
Compressor Type	“Oil-Less” air cooled		
High Pressure Shut-Off	38.5 bar / 3850k Pa (558psi)		

REFRIGERANT RECOVERY RATE

Recovery Rate (kg / min)	*** Refrigerant Class**	**CAT III**	**CAT IV**	**CAT V**
	Vapor	0.23 kg / min	0.25 kg / min	0.26 kg / min
	Liquid	1.57 kg / min	1.81 kg / min	1.85 kg / min
	Push/Pull	4.64 kg / min	5.57 kg / min	6.22 kg / min
Operating Temp.	0 deg C – 40 deg C			
Dimensions	500 mm (L) x 220 mm (W) x 340 mm (H)			
Net Weight	16kg			

CAR AIR-CON SPARE PARTS

1. **V090101**	2. **V090103**	3. **V090202**	**V090301**	**V090302**
ARUKI PFN-150M-02	PPC PFN-150M-02	ARUKI YWTB-B169	R A10-6580-057	R A10-6580-058
V090303	**V090305**	**V091006**	**V091052**	**V091053**
				
A10-6580-57A	A10-6580-57A	A10-6580-057	RC A10-7006-058	RC A10-3128-3084

FLARE NUTS

Code	Descriptions
T130101	FLARE NUT - 1/4"
T130102	FLARE NUT - 5/16"
T130103	FLARE NUT - 3/8"
T130104	FLARE NUT - 1/2"
T130105	FLARE NUT - 5/8"
T130106	FLARE NUT - 3/4"

UNION

Code	Descriptions
T130201	UNION - O.D. 1/4"
T130202	UNION - O.D. 5/16"
T130203	UNION - O.D. 3/8"
T130204	UNION - O.D. 1/2"
T130205	UNION - O.D. 5/8"
T130206	UNION - O.D. 3/4"

ARUKI®

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